

4 or ammonium acetate.

1 7. A method of etching molybdenum on a substrate, comprising:  
2 preparing a solution comprising 5 to 20 % by weight of hydrogen peroxide ( $H_2O_2$ ), 75  
3 to 94% by weight of water, and an additive, including a pH controlling agent; and  
4 applying the solution to the substrate.

1 8. The method of claim 7, wherein applying the solution to the substrate comprises  
2 spraying the solution onto the substrate.

1 9. The method of claim 7, wherein applying the solution to the substrate comprises  
2 immersing the substrate into the solution.

1 10. The method of claim 7, wherein the solution is applied to the substrate at a  
2 temperature of between 20°C to 50°C.

1 11. The method of claim 7, wherein the solution is applied to the substrate at a  
2 temperature of between 30°C to 45°C.